

**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200 Standard must be consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
Form Approved  
OMB No. 1218-0072

<b>IDENTITY</b> (As Used on Label and List)  <b>ARC Cleaner</b>  aka Tub & Tile Cleaner  aka Acid Replacement Cleaner	<b>Item #464 09 016 00 - Cs. of 12, 1-qt. clear plastic btls</b> <b>Item #464 09 016 01 - Case of 4 1-gallon jugs</b> <b>Item #464 09 016 05 - 5 gallon Pail</b> <b>Item #464 09 016 55 - 55 gallon Drum</b>
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**Section I**

Illinois Correctional Industries	Emergency Telephone Number		In case of poisoning, call
1301 Concordia Court	your poison control center at		<b>1-800-222-1222</b>
P.O. Box 19277	Telephone Number for Product Information	Date Prepared	
Springfield, IL 62794-9277	1-800-634-0213	02/23/10	

**Section II -- Hazardous Ingredients/Identity Information**

Hazardous Components	OSHA PEL CAS #	ACGIH TLV	Other Limits Recommended	%
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None according to Raw Material Supplier

**Section III -- Physical/Chemical Characteristics**

Boiling Point	212° F	Specific Gravity (H2O = 1)	1.21
Vapor Pressure (mm Hg)	Not Determined	Melting Point	
Vapor Density (Air = 1)	< 1	Evaporation Rate (Butyl Acetate = 1)	< 1
Solubility in Water	100%		
Appearance and Odor	Clear Purple Liquid		

**Section IV -- Fire and Explosion Hazard Data**

Flash Point (Method Used)	NONE	Flammable Limits	LEL N/A	UEL N/A
Extinguishing Media	Foam or carbon dioxide or dry chemical			
Special Fire Fighting Procedures	Wear self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode when fighting fire			
Unusual Fire and Explosion Hazards	NONE			

**Section V -- Reactivity Data**

Stability	Product is stable under normal conditions	Unstable		Conditions to Avoid	Avoid strong oxidizing agents
		Stable	X		
Incompatibility (Materials to Avoid)		Avoid strong oxidizing agents			
Hazardous Decomposition or Byproducts		NONE			
Hazardous Polymerization	May Occur		Conditions to Avoid	Avoid strong oxidizing agents	
	Will Not Occur	X			

(Reproduced locally)

In-house MSDS#72

OSHA 174.: Sept. 1985

#464 09 016 01

**Section VI -- Health Hazard Data**

Route(s) of Entry	Inhalation?	YES	Skin?	YES	Ingestion?	YES	Eyes?	YES
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**Health Hazards (Acute and Chronic)** EYES: Can cause mild to moderate irritation. SKIN: Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis. BREATHING: Excessive inhalation of vapors can cause nasal and respiratory irritation. SWALLOWING: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
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**Signs and Symptoms of Exposure** Redness, Irritation of skin, eye, mucous membranes. Ingestion may cause nausea, headaches, dizziness and vomiting.

**Medical Conditions Generally Aggravated by Exposure** None Known

**Emergency and First Aid Procedures** EYES: flush with water for 15 minutes, consult Physician if irritation persists. SKIN: rinse affected area with large amount of water, consult Physician if needed. INHALATION: Remove to fresh air if effects occur, consult Physician if needed. INGESTION: Seek medical attention. Unless advised otherwise, induce vomiting by giving either syrup of ipecac followed by 8 glasses of water, consult Physician if needed.

## Section VII -- Precautions for Safe Handling and Use

**Steps to be taken in Case Material is Released or Spilled** Stop discharge, if it can be performed safely, and contain material. If substantial quantity is spilled, recover with pump or vacuum. Otherwise, use an absorbent material. Place contaminated material in a suitable container for disposal. Do not flush to sewer, stream or other bodies of water. Dispose of in accordance with local, state and federal guidelines

**Waste Disposal Method** Do Not Reuse Empty Container. Offer Drum for recycling. Plastic bottles should be placed in trash collection after rinsing. Dispose of in accordance with local, state or federal guidelines.

**Precautions to Be Taken in Handling and Storing** Protect from freezing.  
Store in original container, tightly closed @ 40 to 100 degrees F. Read and follow label directions. Keep out of reach of children.

## Section VIII -- Control Measures

**Respiratory Protection (Specify Type)** If TLV of the product or any component is exceeded, a NIOSH/MSHA jointly approved air supplied respirator is advised. Engineering or administrative controls should be implemented to reduce exposure.

Ventilation	Local Exhaust	Adequate	Special	N/A
	Mechanical (general)	N/A	Other	N/A
Protective Gloves	Chemical resistant gloves recommended		Eye Protection	Safety Glasses are advised
Other Protective Clothing or Equipment	None Required			
Work/Hygienic Practices	Wash hands after use			

**HMIS  
HAZARD  
RATING**

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	Y

### Health Rating

- 0 - Least
- 1 - Slight
- 2 - Moderate
- 3 - High
- 4 - Extreme